

"The price of wheat falls after the harvesting of crop and rise before the sowing time"
Is an example of

Select the correct option

☒	Seasonal variation
☐	Cyclical fluctuation
☐	None of these
☐	Secular trend

The coefficient of variation for a set of annual incomes is 18%; the coefficient of variation for the length of service with the company is 29%. What does this indicate?

Select the correct option

☐	Dispersions are equal
☐	More dispersion in the lengths of service compared with income
☐	Dispersion in the two distributions (income and service) cannot be compared using percents
☒	More dispersion in the distribution of the incomes compared with the dispersion of their length of service

For the least squares regression line $y = 0.9 + 1.7x$, ___ and ___ are slope and intercept respectively.

Select the correct option

☐	0.9 and 1.7
☒	1.7 and 0.9
☐	0 and 1
☐	2.6 and 0

The equation of regression line is $y + 5x = 0$. What will be the intercept?

Select the correct option

☐	5
☐	1
☒	0
☐	-5

The syntax intercept (known y's, known x's) gives

Select the correct option



b)y- intercept



d)None of these



a)x- intercept



c)Both (a) and (b) are same

Suppose the slope of regression line is -16.36 and the intercept is 1.56, then the equation of regression line will be -----

Select the correct option

☐	$y + 16.36x = -1.56$
☐	$y - 16.36x = 1.56$
☐	$y + 1.56 = -16.36x$
☒	$y - 1.56 = -16.36x$

If the value of r is 0.8 ,then the coefficient of determination is

Select the correct option



64%



80%



6.4%



0.8%

The value of the correlation coefficient lies in

Select the correct option

☐	$[-1,0]$
☐	$(-1,1)$
☐	$[0,1]$
☒	$[-1,1]$

In scatter diagram, clustering of points around a straight line indicates

Select the correct option

☒	a) Linear regression
☐	c) Curvilinear linear regression
☐	b) Non-linear regression
☐	d) Both (a) and (b)

The moving averages of the Prices 50, 60, 70, 80 are

Select the correct option

☒	60, 70
☐	65, 65
☐	70, 80
☐	50, 60